



**Bioscience**  
Environmental Products and Services

ISO 9001:2000 CERTIFIED

## **MICROCAT® - XRT** **MARINE VESSEL BILGE CLEANER**

**MICROCAT®-XRT** is an all-natural blend of neutralizers, deodorizers and activators for cleaning and deodorizing vessel bilges and related systems. **MICROCAT®-XRT** also contains safe, natural bacteria for keeping the systems clear of hydrocarbons and reducing odors.

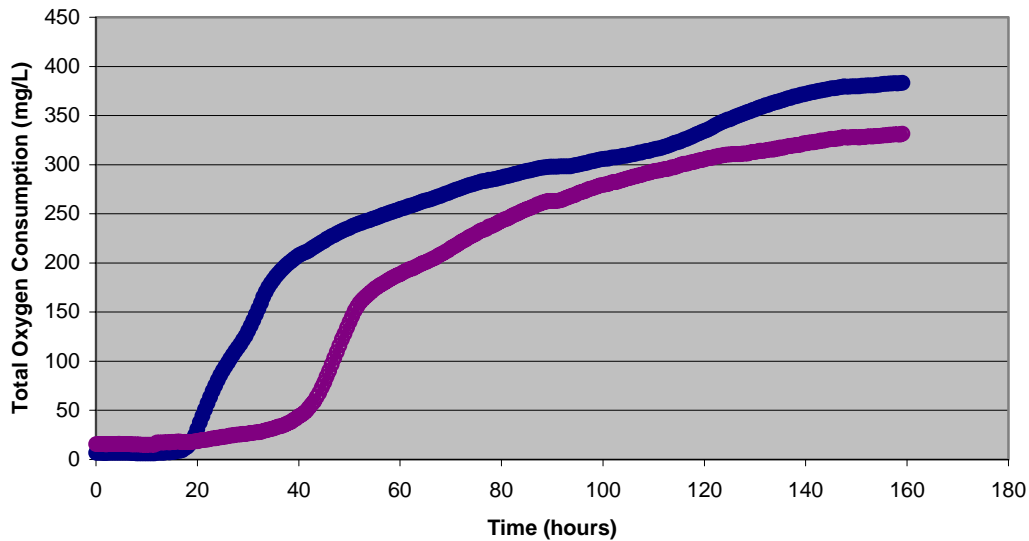
Wastes and spills of fuels tend to build up in the bottoms of vessels and adjacent systems. **MICROCAT®-XRT** is formulated to accelerate the breakdown the materials that accumulate and to alleviate their ill effects. When used regularly, **MICROCAT®-XRT** can save maintenance dollars by minimizing system cleaning and pump out and by reducing wear and tear on the vessels interior and equipment systems.



The above photos are a visual demonstration of the performance of **MICROCAT®-XRT**. The tank on the left contains a range of common, readily-degradable wastes as well as some much more difficult to degrade waste oil. **MICROCAT®-XRT** is being added on the left. Over a period of 5 days the waste oils were dramatically reduced along with the other wastes and the system was without odor. Imagine what **MICROCAT®-XRT** can do for your bilge system. Our users consistently tell us how well it works.

Adding **MICROCAT®-XRT** regularly reduces the accumulation of contaminants by keeping the biological degradation process in a high state of activity. The resulting bilge discharge is cleaner and odors are alleviated. Better for you, the environment and better for your pocket book, pure and simple.

## Waste and Oil Biodegradation



—●— MICROCAT

—●— Leading Brand

Compare **MICROCAT®-XRT** and the leading brand to degrade waste and oil in this laboratory test. Total oxygen consumption is a measure of how much a given sample quantity is degraded by microbial activity over time. Note the difference at only 40 hours. **MICROCAT®** has consumed nearly 4 times as much.

All **MICROCAT®** products are manufactured under strict ISO 9001:2000 methods insuring you consistent high quality and value. **MICROCAT®-XRT** contains safe and natural microorganisms, neutralizers, surfactants, buffers and enzymes. Packed in 25 lb plastic pails and 220 lb fiber drums it is easily mixed with water and added directly to the bilge. Consult your Bioscience representative for product application instructions.

**MICROCAT® is a registered trademark of Bioscience, Inc.**

The information contained in this data sheet is a guide to the use of **MICROCAT** products and is based on test and information believed to be reliable. All information is given to and accepted by user at user's risk and confirmation of its validity and suitability to particular cases should be obtained independently. Bioscience, Inc. makes no guarantee of results and assumes no obligation or liability in connection with the information contained herein. Bioscience, Inc. does not warrant against infringement of, and this data sheet is not to be construed as a license to operate under, any patents.

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